

# 2024

Bring Smart Solar Energy to Life

SOLAR LIGHTING PRODUCTS

**SERIES I**

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Love Life, Love Light



## WHY SOLAR



Solar energy is free and available everywhere on the planet. It reduces not only the consumption of energy, but also the transportation of it, leading to savings of 50 to 100%.



Solar lighting is a reliable partner for new installations and the renovation of current installations.



Thanks to technology, the Solar energy can be used instead of, or complementary to grid electricity every night of the year.



Solar can decrease energy consumption by up to 100% compared to a conventional solution.



Solar lighting can decrease carbon emissions by 100 million tons per year.

## WHY LiFePO4 BATTERIES



High energy density LiFePO4 batteries have a high energy density, which means that they can store a lot of energy in a relatively small space. And under the same battery life, the weight of the battery is reduced, thereby reducing the weight of the lamp.



Using a new lithium iron phosphate battery, after 2000 cycles (DOD100%), the remaining capacity is still 80%, which means that it can be used for a long time, and the life span is much more than 5 years.



High-safety LiFePO4 batteries are considered to be one of the safest types of lithium-ion batteries, thanks to their stable chemistry and lower risk of thermal runaway.



Low self-discharge rate LiFePO4 batteries have a very low self-discharge rate, which means that they can hold their charge for a long time without needing to be recharged.



Fast-charging LiFePO4 batteries can be charged very quickly which makes them ideal for use in solar products and other applications that require rapid charging.










Eco-friendly LiFePO4 batteries are non-toxic and non-hazardous do not contain any rare or expensive metals, which makes them environmentally friendly and cost-effective.

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Customizable

01

Street Light

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04

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# SOLAR STREET LIGHT

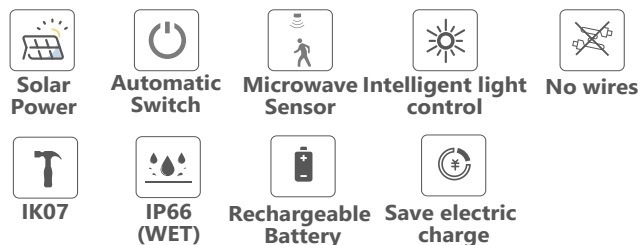




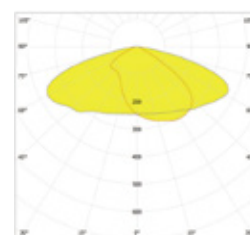
## All In One Solar Street light Gen II

CE RoHS

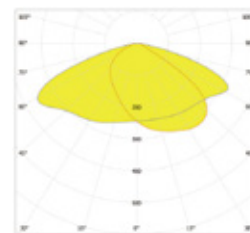
Solar charging and rechargeable battery: save electric charge, no wires.



- 20W, 30W, 40W, 60W, 80W, 100W
- 5 Years warranty (Battery 3 Years)
- Wide range of lumen output package from 3,700lm up to 21,000lm
- Independent external controller and human body induction.
- High efficiency, low power consumption, more energy saving and environmentally friendly.
- Battery cycle life  $\geq 4000$  times @DOD80%.
- Under intelligent mode, the battery life reaches 3-5 days.
- Work mode: First 2 Hrs - On motion : 100%, without motion :30% ;
- Next 3 Hrs - On motion : 60%, without motion :20% ;
- Next 6 Hrs On motion : 30%, without motion :10% ;
- Rest of the Night: On motion : 50%, without motion :30%
- Sleeve hole diameter MAX $\Phi$ 60mm.
- The maximum lighting duration is 15 Hrs, which is not suitable for polar night environments.



T2-S



T3-S

# AMAZLIGHT

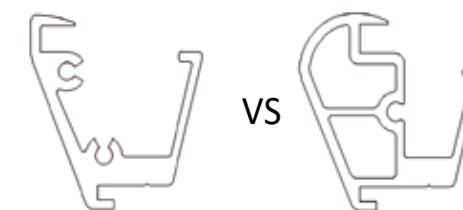
Street Light  
Solar Street light

Integrated bending profiles,  
which can be truly seamless.



Multiple modules can be rotated  
as a whole, making rotation truly  
operable.

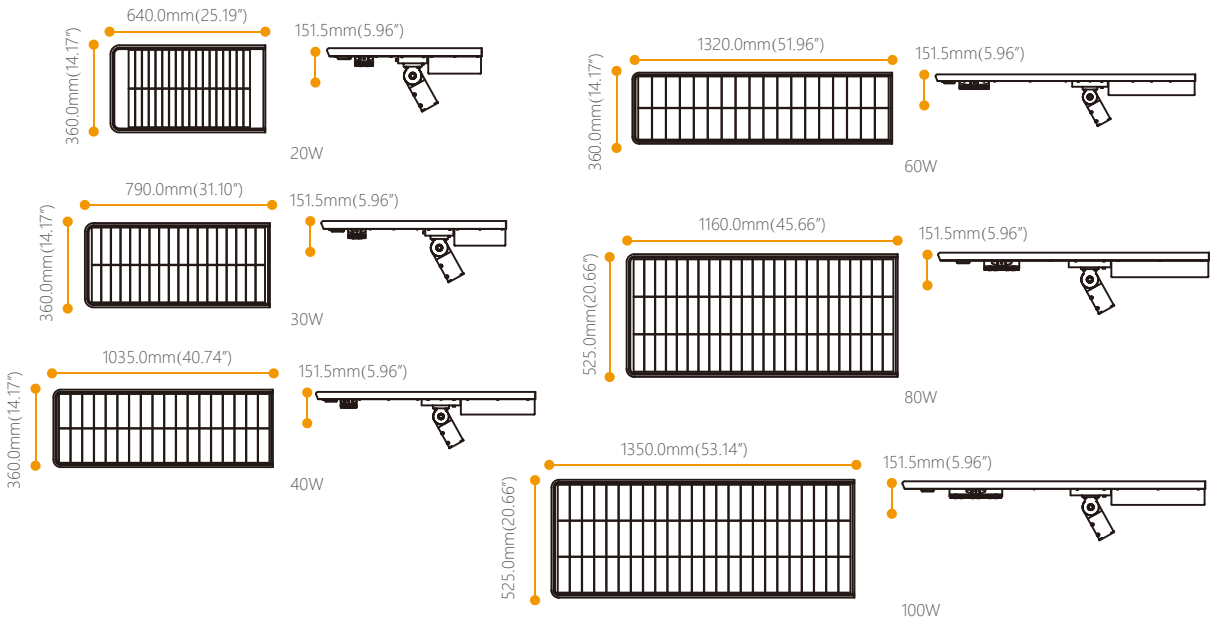
The profile has 2 inner cavities, which  
are more stable and reliable.



Street led lights outdoor is use integrated large-size solar panels, with high photoelectric conversion efficiency, fully charged in 6-8 hours@1000W/  $m^2$ , energy-saving and environmental protection and providing 3-5 days continuous working time.



Outline Drawing



Product Parameter

Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K
A-SST020-MA2	20W	70		T2-S,T3-S	185lm/W	lithium iron phosphate battery 12.8V 18AH 32700 monocrystalline silicon solar panel 18V 30W	3700lm
A-SST030-MA2	30W	70		T2-S,T3-S	185lm/W	lithium iron phosphate battery 12.8V 24AH 32700 monocrystalline silicon solar panel 18V 40W	5550lm
A-SST040-MA2	40W	70	3000K 4000K	T2-S,T3-S	185lm/W	lithium iron phosphate battery 12.8V 30AH 32700 monocrystalline silicon solar panel 18V 60W	7400lm
A-SST060-MA2	60W	70	5000K 5700K	T2-S,T3-S	185lm/W	lithium iron phosphate battery 12.8V 42AH 32700 monocrystalline silicon solar panel 18V 80W	11100lm
A-SST080-MA2	80W	70	6500K	T2-S,T3-S	185lm/W	lithium iron phosphate battery 25.6V 30AH 32700 monocrystalline silicon solar panel 36V 100W	14800lm
A-SST100-MA2	100W	70		T2-S,T3-S	185lm/W	lithium iron phosphate battery 25.6V 36AH 32700 monocrystalline silicon solar panel 36V 120W	18500lm
A-SST020-MA2	20W	70		T2-S,T3-S	210lm/W	lithium iron phosphate battery 12.8V 18AH 32700 monocrystalline silicon solar panel 18V 30W	4200lm
A-SST030-MA2	30W	70	3000K	T2-S,T3-S	210lm/W	lithium iron phosphate battery 12.8V 24AH 32700 monocrystalline silicon solar panel 18V 40W	6300lm
A-SST040-MA2	40W	70	4000K	T2-S,T3-S	210lm/W	lithium iron phosphate battery 12.8V 30AH 32700 monocrystalline silicon solar panel 18V 60W	8400lm
A-SST060-MA2	60W	70	5000K 5700K	T2-S,T3-S	210lm/W	lithium iron phosphate battery 12.8V 42AH 32700 monocrystalline silicon solar panel 18V 80W	12600lm
A-SST080-MA2	80W	70	6500K	T2-S,T3-S	210lm/W	lithium iron phosphate battery 25.6V 30AH 32700 monocrystalline silicon solar panel 36V 100W	16800lm
A-SST100-MA2	100W	70		T2-S,T3-S	210lm/W	lithium iron phosphate battery 25.6V 36AH 32700 monocrystalline silicon solar panel 36V 120W	21000lm

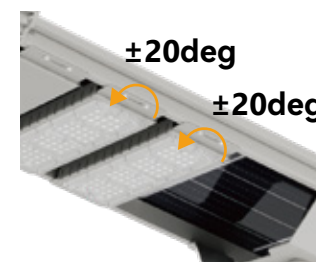
Specification

LED Vender	Operating Temperature	Material
2835 (185lm/w) 5050 (210lm/w)	0°C~+50°C	Material: AL+SPCC Fixture Color: Black





Individual light modules are rotatable with proper tilt for better light illumination when the solar panel is in best position to absorb sunlight.

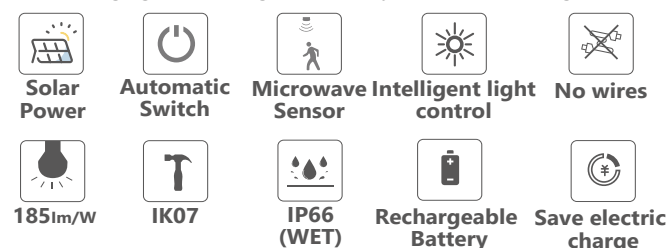


## High-efficiency Monocrystalline silicon solar panel

Street led lights outdoor is use integrated large-size solar panels, with high photoelectric conversion efficiency, fully charged in 6-8 hours@1000W/  $m^2$ , energy-saving and environmental protection and providing 2-5 days continuous working time.

## All In One Solar Street light Gen I

Solar charging and rechargeable battery: save electric charge, no wires.



- 25W, 45W, 60W, 100W
- 5 Years warranty (Battery 3 Years)
- Wide range of lumen output package from 4,625lm up to 18,500lm
- A beautiful aesthetic design it a wonderful option for lighting up residential or commercial places.
- It can easily be installed and there is no wiring or trenching as it uses solar energy.
- Control mode: motion detection/ timing / mixed modes
- Working time 10-12hrs at always-on mode, and 2-5days at automatic mode.



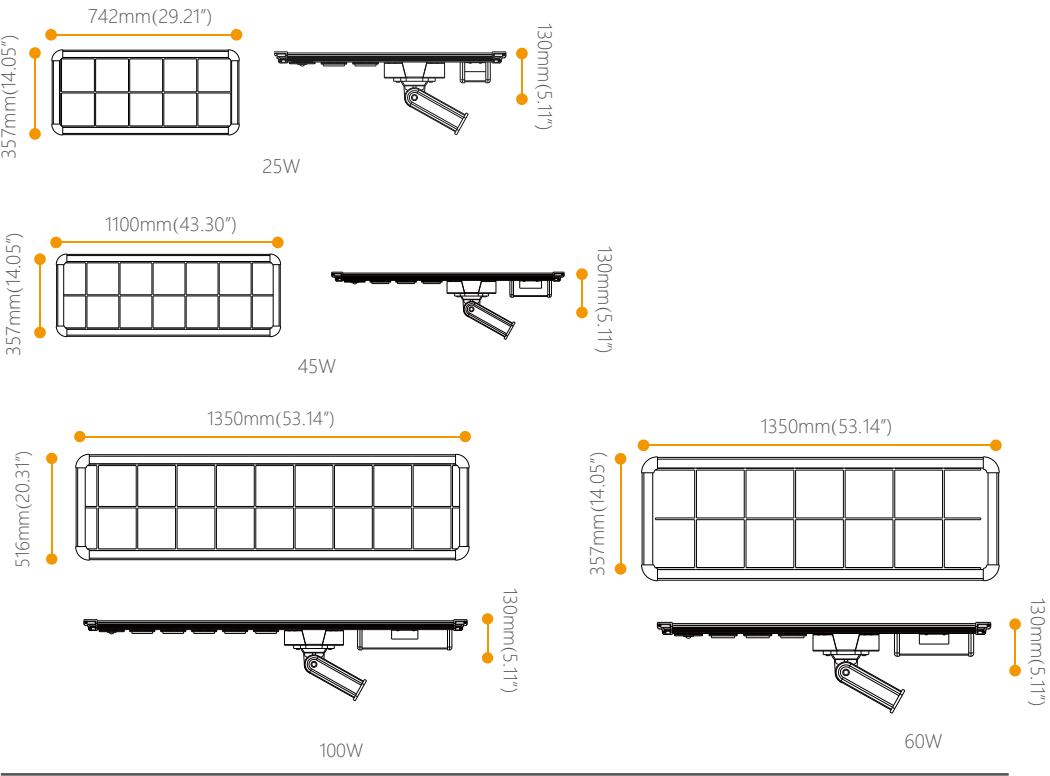
The solar lights for the street outdoor automatically turn on at night and off in the morning.

Auto ON/OFF solar street light for home outdoor pathway and garden use, is wireless and can be self-installed.





Outline Drawing



Product Parameter

Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K	Controller
A-SST025-MA	25W	70	4000K,5000K	TYPE 2	185lm/W	lithium iron phosphate battery 18AH 12.8V 32700 monocrystalline silicon solar panel 18V 34W	4625lm	SES40 SRNE
A-SST045-MA	45W	70	4000K,5000K	TYPE 2	185lm/W	lithium iron phosphate battery 30AH 12.8V 32700 monocrystalline silicon solar panel 18V 63W	8325lm	SES120 SRNE
A-SST060-MA	60W	70	4000K,5000K	TYPE 2	185lm/W	lithium iron phosphate battery 42AH 12.8V 32700 monocrystalline silicon solar panel 18V 80W	11100lm	SES120 SRNE
A-SST100-MA	100W	70	4000K,5000K	TYPE 2	185lm/W	lithium iron phosphate battery 36AH 25.6V 32700 monocrystalline silicon solar panel 36V 120W	18500lm	SES120 SRNE

Specification

LED Vender	Operating Temperature	Material
2835	0°C~+50°C	Material: AL6063+SPCC Fixture Color: Powder gray Mouting Option: Pole Mounted







## All In One MD2 series Solar Street light

With a high luminous efficacy of up to 185lm/W



**Solar Power**



**Up to 185lm/W**



**Microwave Sensor**



**IK07**



**Intelligent light control**



**IP65 (WET)**



**No wires**



**Rechargeable Battery**



**Daylight Sensor**



**Save electric charge**

- 24W, 25W, 35W, 40W, 45W, 47W, 50W, 60W
- 3 years warranty (Battery 2 Years)
- Wide range of lumen output package from 4,080lm up to 11,000lm



Type II  
(170lm/W)

## FEATURES

- Inherit the company's superior style design, streamlined shape, continue excellent product performance, and improve product cost performance and competitiveness.
- The radiator is made of high-quality die-cast aluminum, which has super high thermal conductivity, fast heat dissipation and good performance.
- Integrated die-casting, stable structure, strong sense of product integrity, stable physical properties of radiator materials, no rust, anti-corrosion, anti-oxidation and other characteristics, to meet the requirements of different occasions.
- Monocrystalline silicon solar panel, with a conversion efficiency of 23% and a lifespan of up to 25 years.
- IP65 waterproof structure to meet various outdoor needs.
- The light efficiency is up to 185, the ultimate energy saving.
- A+ lithium iron phosphate battery, high safety, stable performance, battery cycle life  $\geq 2000$  times (DOD100%).
- With a microwave sensor, it can be set to turn on the light when people come, and turn off the light when people leave.
- The mounting arm can be rotated to flexibly adapt to various mounting poles and road surfaces.

## Product Parameter

Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K	Charge and discharge characteristics
A-SST040-MD2E	40W	70	4000K,5000K	Type II	185lm/W	Lithium iron phosphate battery 230.4WH 32700 Monocrystalline silicon solar panel 18V 40W	7400lm	Full power charging 8-10H, with sensor time control mode, continuous output for about 2 days.
A-SST050-MD2E	50W	70	4000K,5000K	Type II	185lm/W	Lithium iron phosphate battery 307.2WH 32700 Monocrystalline silicon solar panel 18V 50W	9250lm	
A-SST060-MD2E	60W	70	4000K,5000K	Type II	185lm/W	Lithium iron phosphate battery 384WH 32700 Monocrystalline silicon solar panel 18V 60W	11000lm	
A-SST025-MD2	25W	70	4000K,5000K	Type II	185lm/W	Lithium iron phosphate battery 230.4WH 32700 Monocrystalline silicon solar panel 18V 40W	4625lm	Full power charging 8-10H, 100% continuous output about 10H, smart mode for 15H-24H, with sensor
A-SST035-MD2	35W	70	4000K,5000K	Type II	185lm/W	Lithium iron phosphate battery 307.2WH 32700 Monocrystalline silicon solar panel 18V 50W	6475lm	
A-SST045-MD2	45W	70	4000K,5000K	Type II	185lm/W	Lithium iron phosphate battery 384WH 32700 Monocrystalline silicon solar panel 18V 60W	8325lm	
A-SST024-MDB2	24W	70	4000K,5000K	Type II	170lm/W	Lithium iron phosphate battery 115.2WH 32700 Monocrystalline silicon solar panel 18V 40W	4080lm	Full power charging for about 6-8H, 100% continuous output for about 6H-8H, smart mode for 15H-24H, with sensor
A-SST035-MDB2	35W	70	4000K,5000K	Type II	170lm/W	Lithium iron phosphate battery 153.6WH 32700 Monocrystalline silicon solar panel 18V 50W	5950lm	
A-SST047-MDB2	47W	70	4000K,5000K	Type II	170lm/W	Lithium iron phosphate battery 230.4WH 32700 Monocrystalline silicon solar panel 18V 60W	7990lm	

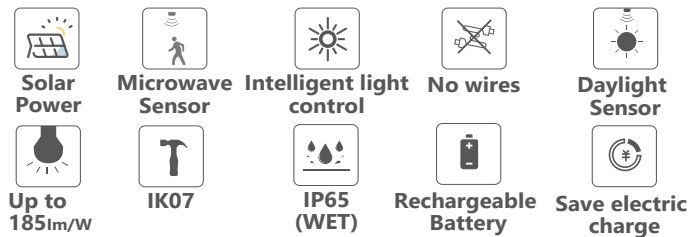
## Specification

LED Vender	Operating Temperature	Material	Accessories
2835	0°C ~ +50°C	Material: Die casting ADC12 Fixture Color: Powder Gray Mounting Option: Pole Mounted	· Remote control · Pole arm



## All In One D series Solar Street light

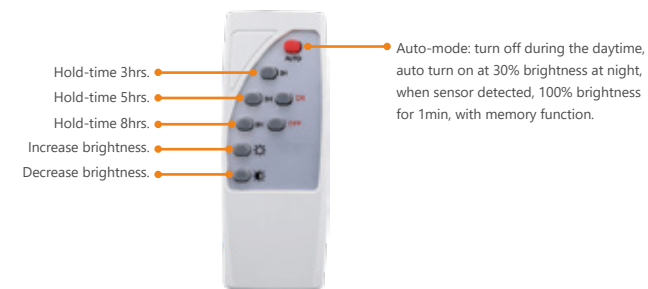
With a high luminous efficacy of up to 185lm/W, while achieving ultimate energy efficiency, the thickness of the lamp body is only 80mm.



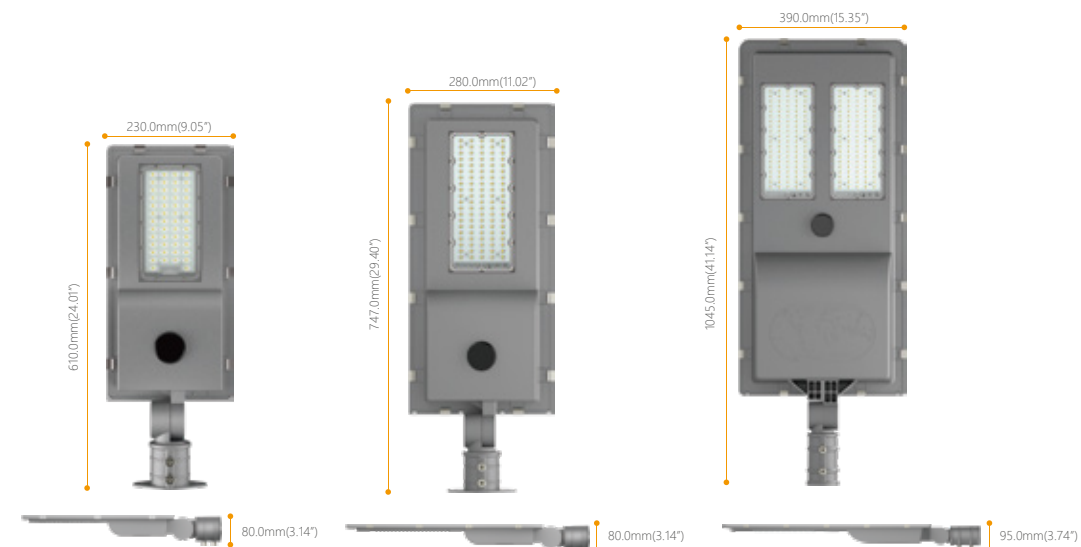
- 12W, 18W, 20W, 24W, 35W, 45W, 47W
- 3 years warranty(Battery 2 Years)
- Wide range of lumen output package from 2,040lm up to 8,325lm
- Monocrystalline silicon solar panels with a conversion efficiency of up to 23% and a lifespan of up to 25 years.
- IP65 waterproof structure, meeting various outdoor needs.
- The highest luminous efficacy reaches 185lm/W, achieving ultimate energy savings.
- A+ lithium iron phosphate battery, high safety, stable performance, battery cycle life  $\geq 2000$  times (DOD 100%).
- Equipped with a microwave sensor, can be set to turn on the light when a person approaches and dim the light when a person leaves.
- The installation arm is rotatable, flexible to match various mounting poles and road surfaces.



Type II  
140°\*70deg



### Outline Drawing



### Product Parameter

Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K	Charge and discharge characteristics
A-SST012-MD	12W	70	4000K,5000K	Type II	185lm/W	Lithium iron phosphate battery 115.2Wh Monocrystalline silicon solar panel 15W	2220lm	
A-SST020-MD	20W	70	4000K,5000K	Type II	185lm/W	Lithium iron phosphate battery 192Wh Monocrystalline silicon solar panel 25W	3700lm	Full power charging 6-8H, 100% continuous output for about 10H, with sensor
A-SST045-MD	45W	70	4000K,5000K	Type II	185lm/W	Lithium iron phosphate battery 384Wh Monocrystalline silicon solar panel 60W	8325lm	
A-SST012-MDB	12W	70	4000K,5000K	Type II	170lm/W	Lithium iron phosphate battery 57.6Wh Monocrystalline silicon solar panel 15W	2040lm	
A-SST018-MDB	18W	70	4000K,5000K	Type II	170lm/W	Lithium iron phosphate battery 76.8Wh Monocrystalline silicon solar panel 25W	3060lm	
A-SST024-MDB	24W	70	4000K,5000K	Type II	170lm/W	Lithium iron phosphate battery 115.2Wh Monocrystalline silicon solar panel 25W	4080lm	Full power charging for about 4H, 100% continuous output for about 4H-6H, smart mode for 2 days, with sensor
A-SST035-MDB	35W	70	4000K,5000K	Type II	170lm/W	Lithium iron phosphate battery 153.6Wh Monocrystalline silicon solar panel 60W	5950lm	
A-SST047-MDB	47W	70	4000K,5000K	Type II	170lm/W	Lithium iron phosphate battery 230.4Wh Monocrystalline silicon solar panel 60W	7990lm	

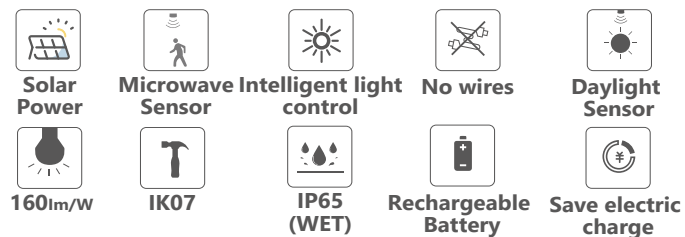
### Specification

LED Vender	Operating Temperature	Material	Accessories
2835	0°C~+50°C	Material: Die casting ADC12 Fixture Color: Powder Gray Mounting Option: Pole Mounted	· Remote control · Pole arm



## Split Solar Street light Gen I

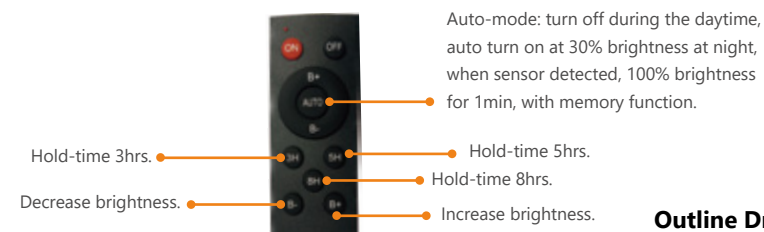
Independent external solar panels quickly and efficiently absorb solar energy, ensuring better battery charging and guaranteeing longer battery life.



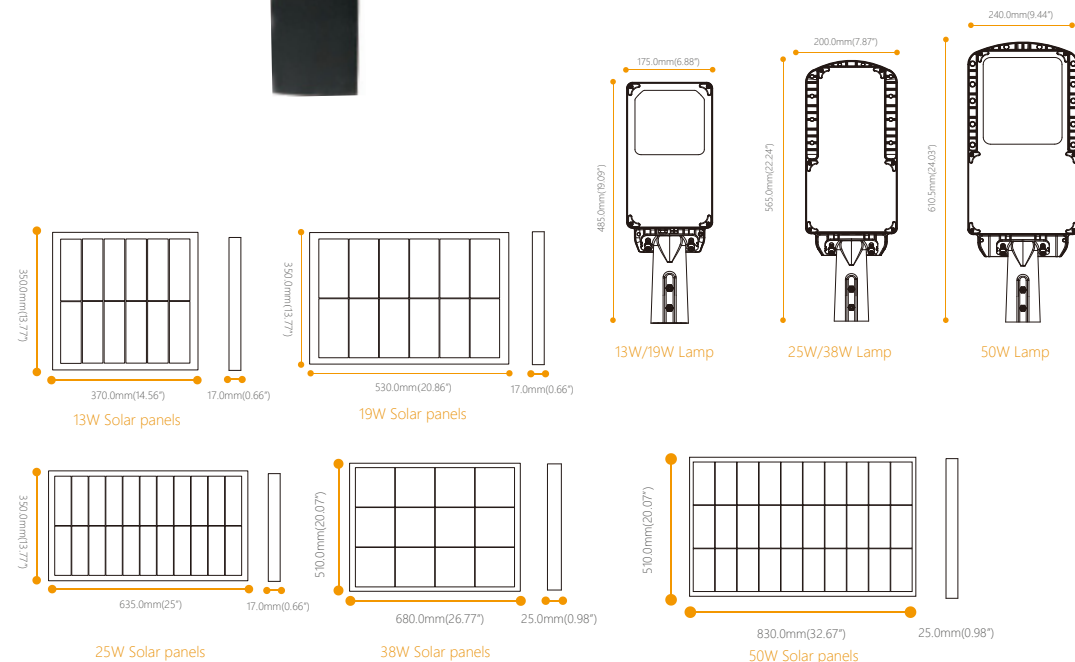
- 13W, 19W, 25W, 38W, 50W
- 3 years warranty(Battery 2 Years)
- Wide range of lumen output package from 2,080lm up to 8,000lm
- Effective energy-saving, regular discharge, lighting on-demand, prolong the service life of the whole lamp
- Control mode: motion detection/ timing / mixed modes
- Harging time: full power charging 8-10H.
- Working mode: continuous full load and constant light for 4H, smart mode (Microwave Sensor + Daylight Sensor) for 2 nights.



Type II  
140\*70deg



### Outline Drawing



### Product Parameter

Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K
A-SST013-MB	13W	70	4000K,5000K	Type II	160lm/W	Lithium iron phosphate battery 18AH 3.2V 32700 Polysilicon solar panel 18W	2080lm
A-SST019-MB	19W	70	4000K,5000K	Type II	160lm/W	Lithium iron phosphate battery 24AH 3.2V 32700 Polysilicon solar panel 24W	3040lm
A-SST025-MB	25W	70	4000K,5000K	Type II	160lm/W	Lithium iron phosphate battery 36AH 3.2V 32700 Polysilicon solar panel 36W	4000lm
A-SST038-MB	38W	70	4000K,5000K	Type II	160lm/W	Lithium iron phosphate battery 48AH 3.2V 32700 Polysilicon solar panel 48W	6080lm
A-SST050-MB	50W	70	4000K,5000K	Type II	160lm/W	Lithium iron phosphate battery 72AH 3.2V 32700 Polysilicon solar panel 66W	8000lm

### Specification

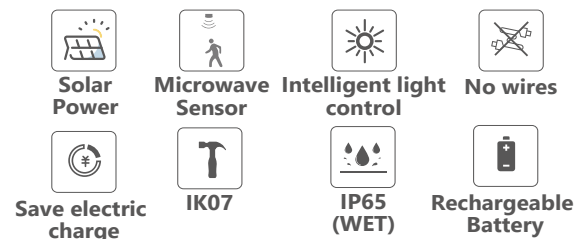
LED Vender	Operating Temperature	Material	Accessories
2835	0°C~+50°C	Material: Die casting ADC12 Fixture Color: Powder Gray Mounting Option: Pole Mounted	· Remote control · Pole arm





## All In One MY series Solar Street light

With a high luminous efficacy of up to 175lm/W



- 9W, 17W, 27W, 35W
- 3 years warranty (Battery 2 Years)
- Wide range of lumen output package from 1,500lm up to 6,000lm



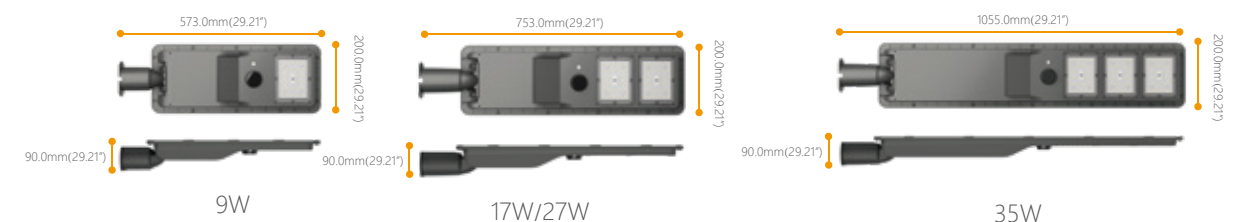
Type II



## FEATURES

- Inherit the company's superior style design, streamlined shape, continue excellent product performance, and improve product cost performance and competitiveness.
- The radiator is made of high-quality die-cast aluminum, which has super high thermal conductivity, fast heat dissipation and good performance.
- Integrated die-casting, stable structure, strong sense of product integrity, stable physical properties of radiator materials, no rust, anti-corrosion, anti-oxidation and other characteristics, to meet the requirements of different occasions.
- Monocrystalline silicon solar panel, with a conversion efficiency of 23% and a lifespan of up to 25 years.
- IP65 waterproof structure to meet various outdoor needs.
- The light efficiency is up to 175lm/W, the ultimate energy saving.
- A+ lithium iron phosphate battery, high safety, stable performance, battery cycle life  $\geq 4000$  times (DOD80%).
- With a microwave sensor, it can be set to turn on the light when people come, and turn off the light when people leave.
- The mounting arm can be rotated to flexibly adapt to various mounting poles and road surfaces.
- Control mode: motion detection/ timing.

## Outline Drawing



## Product Parameter

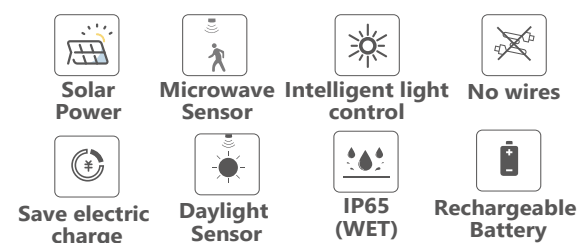
Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K	Charge and discharge characteristics
A-SST009-MY	9W	70	4000K, 5000K	Type II	175lm/W	Lithium iron phosphate battery 24WH Monocrystalline silicon solar panel 6W	1500lm	
A-SST017-MY	17W	70	4000K, 5000K	Type II	175lm/W	Lithium iron phosphate battery 48WH Monocrystalline silicon solar panel 9W	3000lm	
A-SST027-MY	27W	70	4000K, 5000K	Type II	175lm/W	Lithium iron phosphate battery 76.8WH Monocrystalline silicon solar panel 15W	4500lm	
A-SST035-MY	35W	70	4000K, 5000K	Type II	175lm/W	Lithium iron phosphate battery 96WH Monocrystalline silicon solar panel 20W	6000lm	Full power charging 4-6H, with sensor time control mode, continuous output for about 2 days.

## Specification

LED Vender	Operating Temperature	Material	Accessories
2835	0°C ~ +50°C	Material: Die casting ADC12 Fixture Color: Powder Gray Mounting Option: Pole Mounted	· Remote control · Pole arm



## All In One ME series Solar Street light



- 2 years warranty(Battery 1 Years)
- Wide range of lumen output package from 883lm up to 3,459lm

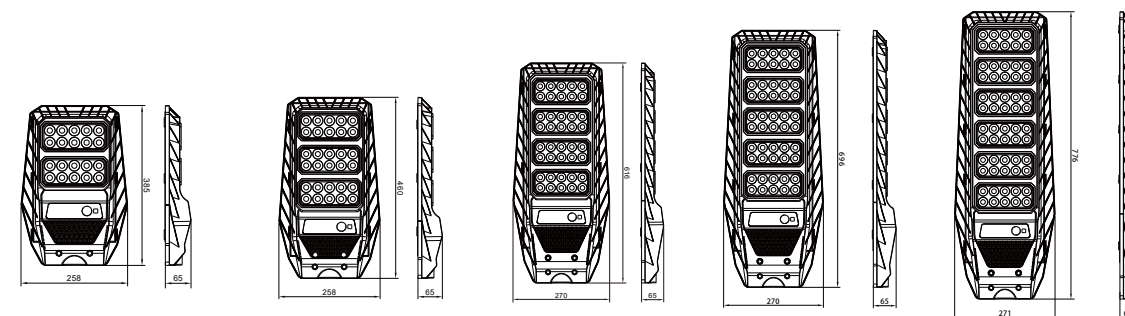


## FEATURES

- ✓ ABS+PC lamp shell, anti-UV,anti-corrosion
- ✓ Anti glare optical PC lens, reducing light loss and not dazzling
- ✓ Remote control distance of 5-10 meters, with the ability to set timed lighting
- ✓ 270°radarsensing,Very sensitive sensing
- ✓ Matching street lamp wall poles for easy installation and transportation
- ✓ IP65 waterproof,outdoor application



## Outline Drawing



## Product Parameter

Part No.	CRI	CCT	@6500K	Li-ion Battery	Solar Panel
A-SST100-ME	70	6500K	883lm	32650/5000mA/3.2V	5V/8 Wp Mono-crystalline silicon
A-SST150-ME	70	6500K	1472lm	32650/10000mA/3.2V	4.5V/11 Wp Mono-crystalline silicon
A-SST200-ME	70	6500K	2208lm	32650/15000mA/3.2V	4.5V/15 Wp Mono-crystalline silicon
A-SST250-ME	70	6500K	2944lm	32650/18000mA/3.2V	4.5V/18 Wp Mono-crystalline silicon
A-SST300-ME	70	6500K	3459lm	32650/20000mA/3.2V	4.5V/23 Wp Mono-crystalline silicon

## Specification

LED Vender	Operating Temperature	Material	Accessories
Chinese brand	-20°C ~ +50°C	Housing Material: ABS+PC Anti-UV 94V0 fire-proof Mounting Option: Pole Mounted	· Remote control · 60mm diameter light pole



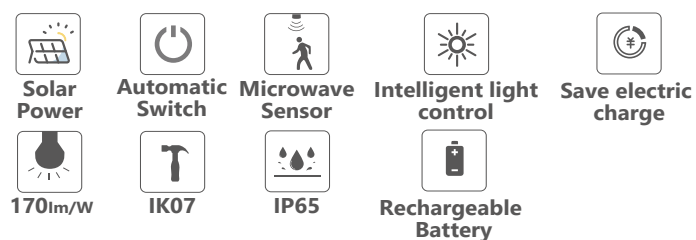
# SOLAR FLOOD LIGHT







## Solar floodlight Gen I



- 5W, 9W, 13W, 18W
- 170lm/W
- Beam angle: 110deg
- 3 years warranty(battery 2 year warranty)
- Wide range of lumen output package from 850lm up to 3,060lm



110deg

**1** A beautiful aesthetic design it a wonderful option for lighting up residential or commercial places.



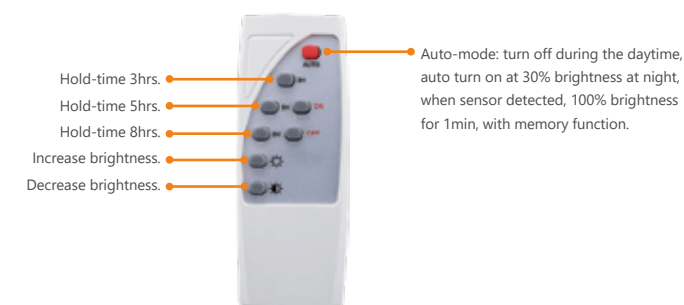
**2** Solar charging and rechargeable battery: save electric charge, no wires.  
**3** High-efficiency polysilicon solar panel.



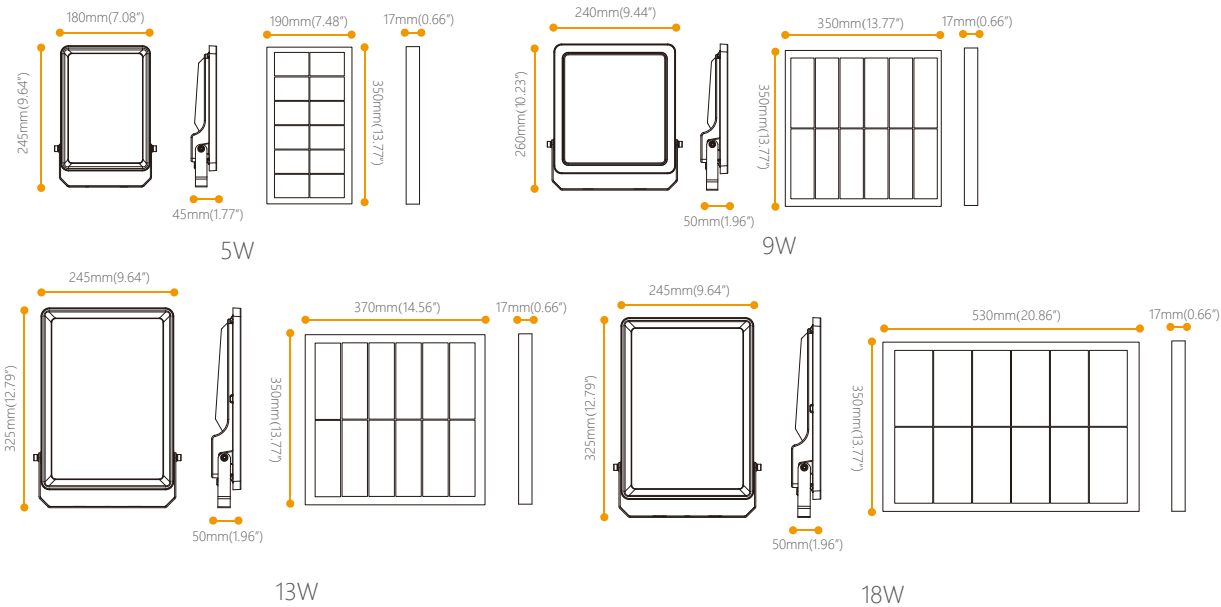
**4** Long lifespan Li-ion Battery.



**5** Control mode: motion detection/ timing / mixed modes  
 Charging time: full power charging 8-10H.  
 Working mode: continuous full load and constant light for 4H, smart mode for 2 nights.



Outline Drawing



Product Parameter

Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K
A-SFL005-PA	5W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 6AH 3.2V 32700 Polysilicon solar panel 6W	850lm
A-SFL009-PA	9W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 12AH 3.2V 32700 Polysilicon solar panel 12W	1,530lm
A-SFL013-PA	13W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 18AH 3.2V 32700 Polysilicon solar panel 18W	2,210lm
A-SFL018-PA	18W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 24AH 3.2V 32700 Polysilicon solar panel 24W	3,060lm

Specification

LED Vender	Operating Temperature	Material
2835	0°C~+50°C	Material: Die casting ADC12 Fixture Color: Sand black Mouting Option: Ground /Wall Mounted





Solar floodlight Gen II

Solar Power  
170lm/W

Automatic Switch  
IK07

Microwave Sensor  
IP65 (WET)

Intelligent light control  
Rechargeable Battery

Infrared Remote Control  
Save electric charge

- 6W, 9W, 12W, 18W
- 170lm/W
- Beam angle: 110deg
- 3 years warranty
- Wide range of lumen output package from 1,000lm up to 3,000lm
- Working mode: smart mode for 1 nights.
- Controler: MPPT optional
- Long life LEDs:L80>100000Hrs
- Brand New A+ LiFePO4 battery :2000cycles@DOD100
- Advanced Engineering Plastics:Heat dissipation ABS
- Separate design, Rotating bracket:Flexible installation of photovoltaic panels and lamp
- Distributed design:The light source, controller, and battery can be replaced separately
- Intelligent:timing、 sensor (optional) 、 remote
- High reliability:IP65,CE/IEC
- Excellent exterior design:Photovoltaic panels use reverse folded soldering wires



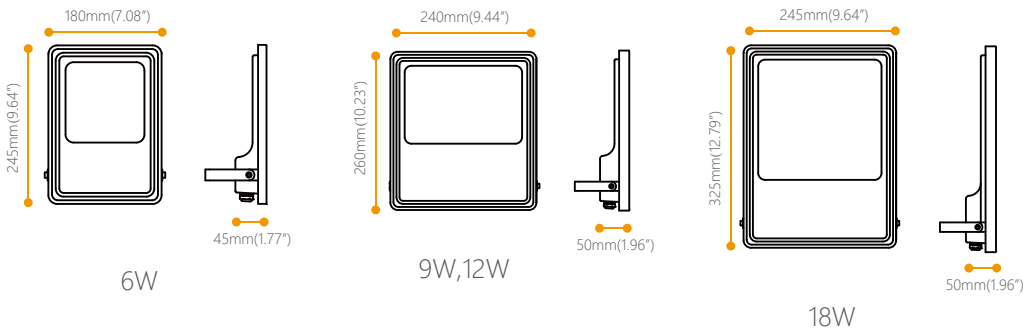
Remote Control Instructions

Period 1	Period 2	Period 3	Period 4	Period 5	Period 6
20% Light output for 1hr	100% Light output for 30min	40% Light output for 1hr	20% Light output for 1.5hr	10% Light output for 2hr	5% Light output for 6hr

Luminaire will light on dusk to dawn(max 12Hours) per default lighting profile

Hold-time 3hrs.      Hold-time 5hrs.  
Decrease brightness.      Hold-time 8hrs.  
Increase brightness.

Outline Drawing



Product Parameter

Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K
A-SFL006-PA2	6W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 3.2V 5AH 32700 Polysilicon solar panel 7W	1,000lm
A-SFL009-PA2	9W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 3.2V 10AH 32700 Polysilicon solar panel 10W	1,500lm
A-SFL012-PA2	12W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 3.2V 10AH 32700 Polysilicon solar panel 13W	2,000lm
A-SFL018-PA2	18W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 3.2V 15AH 32700 Polysilicon solar panel 21W	3,000lm

Specification

LED Vender	Operating Temperature	Material
2835	0°C~+50°C	Material: Die casting ADC12 Fixture Color : Black Mouting Option: Ground /Wall Mounted





Solar floodlight TT series

Solar Power  
170lm/W

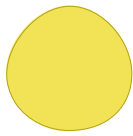
Automatic Switch  
IK07

Microwave Sensor  
IP65 (WET)

Intelligent light control  
Rechargeable Battery

Remote control  
Save electric charge

- 6W, 9W, 12W, 18W
- 170lm/W
- Beam angle: 110deg
- 3 years warranty
- Wide range of lumen output package from 1,000lm up to 3,000lm
- Control mode: motion detection/ timing / mixed modes
- Charging time: full power charging 4-6H@1000W/m².
- Working mode: smart mode for 1-2 nights.
- Battery cycle life ≥4000 times @DOD80%



110deg

Remote Control Instructions

Period 1	Period 2	Period 3	Period 4	Period 5	Period 6
20% Light output for 1hr	100% Light output for 30min	40% Light output for 1hr	20% Light output for 1.5hr	10% Light output for 2hr	5% Light output for 6hr

Hold-time 3hrs.

Decrease brightness.

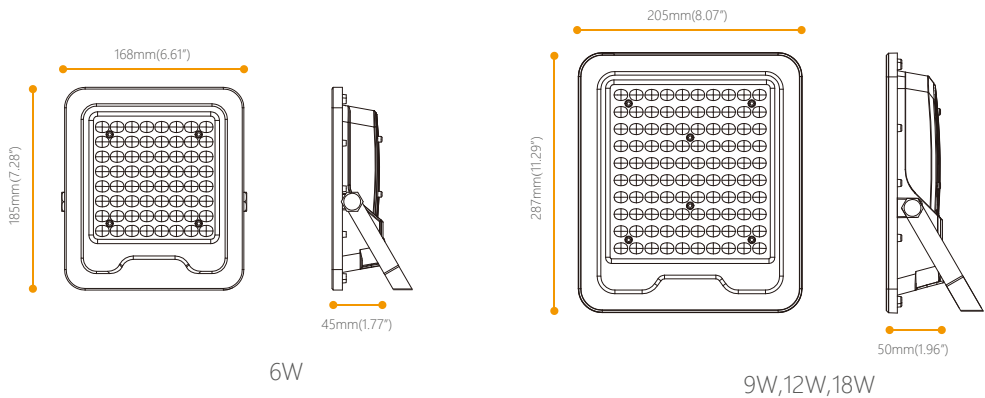
Hold-time 5hrs.

Hold-time 8hrs.

Increase brightness.

Luminaire will light on dusk to dawn(max 12Hours) per default lighting profile

Outline Drawing



Product Parameter

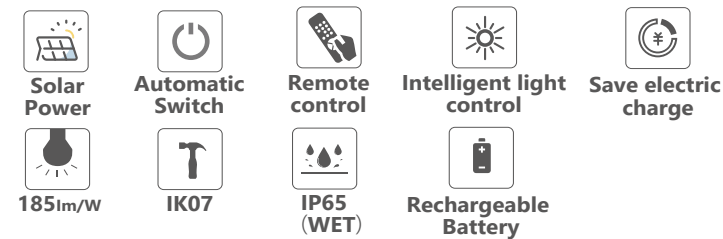
Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K
A-SFL006-TT	6W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 19.2WH 3.2V 6AH 32700 Polysilicon solar panel 7W	1,000lm
A-SFL009-TT	9W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 38.4WH 3.2V 12AH 32700 Polysilicon solar panel 10W	1,500lm
A-SFL012-TT	12W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 38.4WH 3.2V 12AH 32700 Polysilicon solar panel 13W	2,000lm
A-SFL018-TT	18W	70	4000K,5000K	110deg	170lm/W	lithium iron phosphate battery 57.6WH 3.2V 18AH 32700 Polysilicon solar panel 21W	3,000lm

Specification

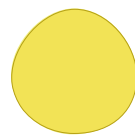
LED Vender	Operating Temperature	Material
2835	0°C~+50°C	Material: Die casting ADC12 Fixture Color: Grey Mounting Option: Ground /Wall Mounted



## Solar floodlight TD series



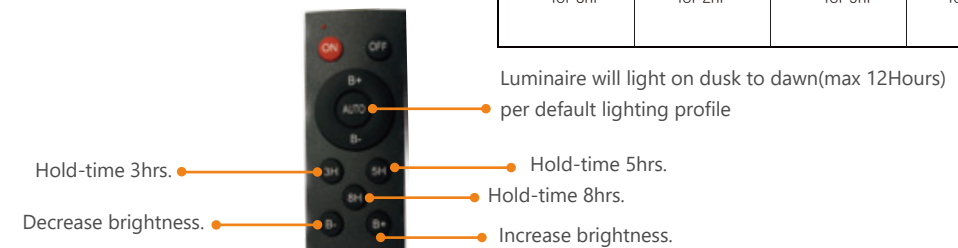
- 55W, 85W, 110W
- 185lm/W
- Beam angle: 110deg
- 5 years warranty (Battery 3 Years)
- Wide range of lumen output package from 10,000lm up to 20,000lm
- Control mode: timing
- Charging time: full power charging 4-8H@1000W/m².
- Battery cycle life ≥2000 times @DOD100%



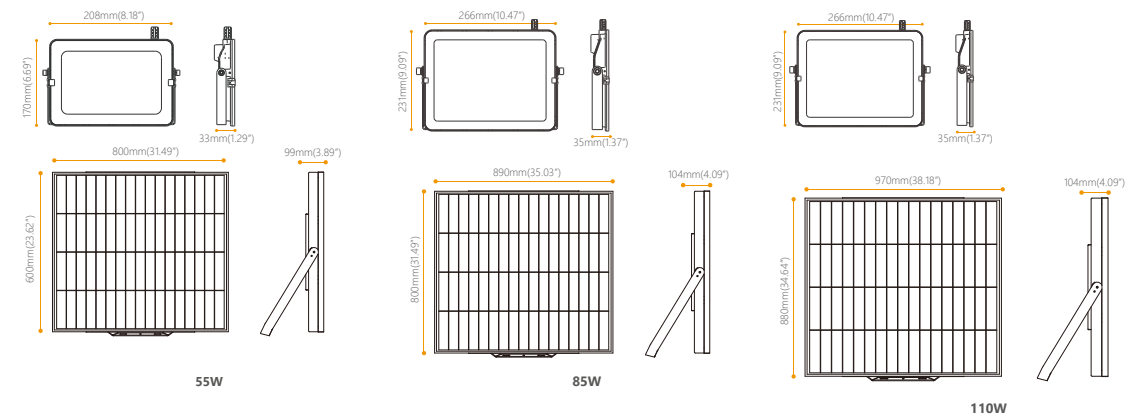
110deg

### Remote Control Instructions

Period 1	Period 2	Period 3	Period 4	Total endurance 12H
100% Light output for 3hr	70% Light output for 2hr	30% Light output for 5hr	70% Light output for 2hr	



### Outline Drawing



### Product Parameter

Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium battery/ Solar panel	@4000K@5000K
A-SFL055-TD	55W	70	4000K,6500K	110deg	185lm/W	Lithium iron phosphate battery 36AH 12.8V 32700 Monocrystalline silicon solar panel 90W	10000lm
A-SFL085-TD	85W	70	4000K,6500K	110deg	185lm/W	Lithium iron phosphate battery 24AH 25.6V 32700 Monocrystalline silicon solar panel 130W	15000lm
A-SFL110-TD	110W	70	4000K,6500K	110deg	185lm/W	Lithium iron phosphate battery 36AH 25.6V 32700 Monocrystalline silicon solar panel 165W	20000lm

### Specification

LED Vender	Operating Temperature	Material
2835	0°C~+50°C	Material: Die casting ADC12 Fixture Color: Black Mounting Option: Ground /Wall Mounted

# SOLAR GARDEN LIGHT







# Solar Garden Light MB series

Solar Power

Automatic Switch

Microwave Sensor

Save electric charge

Intelligent light control

170lm/W

IK06

IP65 (WET)

Rechargeable Battery

- 25W
- 170lm/W
- 3 years warranty(battery 2 year warranty)
- 4250lm
- 4000K, 5000K



## FEATURES

- Inherit the company's superior style design, continue excellent product performance, and improve product cost performance and competitiveness
- The radiator is made of high-quality die-cast aluminum, which has super high thermal conductivity, fast heat dissipation and good performance
- Integrated die-casting, stable structure, strong sense of product integrity, stable physical properties of radiator materials, no rust, anti-corrosion, anti-oxidation and other characteristics, to meet the requirements of different occasions
- Monocrystalline silicon solar panel, with a conversion efficiency of 23% and a lifespan of up to 25 years
- IP65 waterproof structure to meet various outdoor needs
- The maximum light efficiency is 170, which is extremely energy-saving
- A+ lithium iron phosphate battery, high safety, stable performance, battery cycle life ≥ 2000 times (DOD100%)
- With a microwave sensor, it can be set to turn on the light when people come, and turn off the light when people leave
- The mounting arm can be rotated to flexibly adapt to various mounting poles and road surfaces.
- Full power charging takes 4-6 hours at 1000W/m<sup>2</sup>, while the automatic mode with sensor takes approximately 15-24 hours.

### Product Parameter

Part No.	Power	CRI	CCT	Light Efficiency	Lithium battery/ Solar panel	@4000K
A-SGA025-MB	25W	70	4000K,5000K	170lm/W	Lithium iron phosphate battery 115.2WH monocrystalline silicon solar panel 30W	4250lm

### Specification

LED Vender	Operating Temperature	Material
Chinese brand	0°C~+50°C	Material: ADC12 Powder-coated black Fixture Color: Black Mouting Option: Pole Mounted



## Solar Garden Light TC series



Solar Power



Automatic Switch



Save electric charge



Intelligent light control



170lm/W



IK06

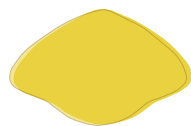


IP65 (WET)

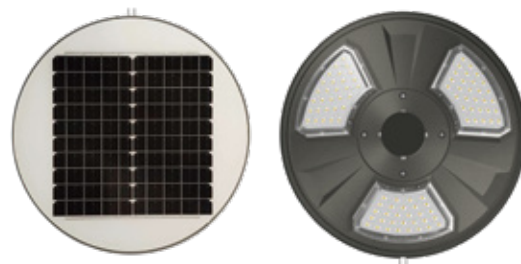


Rechargeable Battery

- 25W
- 170lm/W
- 3 years warranty(battery 2 year warranty)
- 4250lm
- 4000K, 5000K



130deg



## FEATURES

- Inherit the company's superior style design, streamlined shape, continue excellent product performance, and improve product cost performance and competitiveness.
- The radiator is made of high-quality die-cast Aluminium plate, which has super high thermal conductivity, fast heat dissipation and good performance.
- Integrated die-casting, stable structure, strong sense of product integrity, stable physical properties of radiator materials, no rust, anti-corrosion, anti-oxidation and other characteristics, to meet the requirements of different occasions.
- Monocrystalline silicon solar panels:up to 25 years lifes,max 22% photo-electric conversion efficiency.
- IP65 waterproof structure to meet various outdoor needs.
- The light efficiency is up to 170, the ultimate energy saving.
- A+ lithium iron phosphate battery, high safety, stable performance, battery cycle life  $\geq 4000$  times (DOD80%).
- The mounting arm can be rotated to flexibly adapt to various mounting poles and road surfaces.
- Full power charging takes 5.5 hours at 1000W/m<sup>2</sup>.
- Suitable for light pole size:  $\varnothing 60\text{mm}$
- Control mode: timing

## Product Parameter

Part No.	Power	CRI	CCT	Light Efficiency	Lithium battery/ Solar panel	@4000K
A-SGA025-TC	25W	70	4000K,5000K	170lm/W	Lithium iron phosphate battery 115.2WH monocrystalline silicon solar panel 30W	4250lm

## Specification

LED Vender	Operating Temperature	Material
Chinese brand	0°C~+50°C	Material: ADC12 Powder-coated black Fixture Color: Black Mouting Option: Pole Mounted

# SOLAR WALL LIGHT







WALL LIGHT

## Solar Wall Lamps



**Solar Power**



**Automatic Switch**



**PIR Sensor**



**Photoreceptor**



**No wires**



**120lm/W**



**IK06**



**IP65**



**Rechargeable Battery**



**Save electric charge**

- 3W, 4.2W, 5W, 8W
- 120lm/W
- Beam angle: Type II & 110deg
- 2 years warranty(battery 1 year warranty)
- Wide range of lumen output package from 300lm up to 1,000lm



110deg  
(4.2W)



Type II

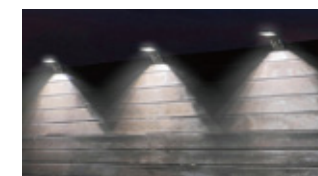
WALL LIGHT



- 1 IP65, IK06 make it can be used outdoors.



- 2 Solar charging and rechargeable battery: save electric charge, no wires.



- 3 ABS+PC shell materials make it UV protected and strongly corrosion resistant.



- 4 There are basic model and remote control model for option.



Remote control



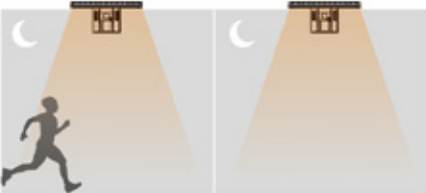
Operating mode



Mode 1:  
Press the switch once, and the LED light flashes twice.  
The lights stay off during the day or night when no one is walking by.  
At night when someone passes by, the lights turn to full light until someone walks out PIR sensor detection range, lights on for 20 seconds, Then it automatically shuts down.



Mode 2:  
Press the switch once, and the LED light flashes twice.  
The lights are turned off during the day.  
At night, when no one passes by, it always keeps a faint brightness.  
At night when someone passes by, the light becomes full light until someone walks out PIR sensor detection range, lights on for 20 seconds, Then it automatically switches to a faint brightness.

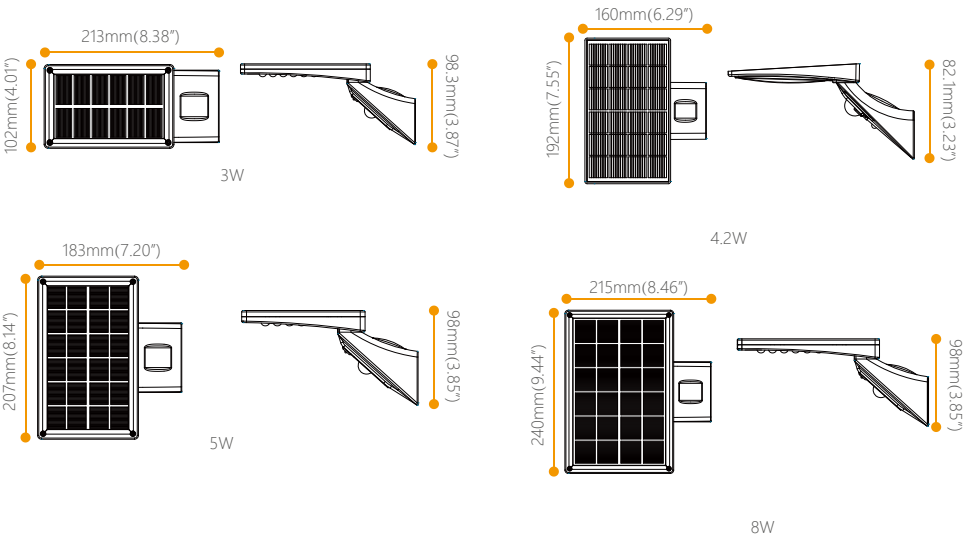


Mode 3:  
Press the switch once, and the LED light flashes twice.  
The lights keep turning off during the day and always keep dim at night.  
The PIR sensor cannot be used under this mode at night.



Mode 4:  
Press the switch button for 5 seconds, the light enters emergency lighting,  
It will remain full light until the battery level reaches zero.  
Press the button again for 5 seconds to return to normal mode.

Outline Drawing



Product Parameter

Part No.	Power	CRI	CCT	Beam Angle	Light Efficiency	Lithium Battery / PV Panel	@3000K@6000K
A-SOX3-XXXN-XIS	3W	80	3000K,6000K	Type II	120lm/w	18650 / 1500mAh / 3.7VDC / 1.5Wp / 6VDC Polycrystalline silicon PET laminate	360lm
A-SOX4.2-XXXN-XIS	4.2W	80	3000K,6000K	110Deg	120lm/w	18650 / 2600mAh / 3.7VDC / 2.5Wp / 6VDC Polycrystalline silicon PET laminate	520lm
A-SOX5-XXXN-XIS	5W	80	3000K,6000K	Type II	120lm/w	18650 / 3000mAh / 3.7VDC / 2.5Wp / 6VDC Polycrystalline silicon PET laminate	600lm
A-SOX8-XXXN-XIS	8W	80	3000K,6000K	Type II	120lm/w	18650 / 5200mAh / 3.7VDC / 4.0Wp / 6VDC Polycrystalline silicon PET laminate	1000lm
A-SOX3-XXXN-XIS-S	3W	80	3000K,6000K	Type II	120lm/w	18650 / 1500mAh / 3.7VDC / 1.5Wp / 6VDC Polycrystalline silicon PET laminate / Sensor	360lm
A-SOX4.2-XXXN-XIS-S	4.2W	80	3000K,6000K	110Deg	120lm/w	18650 / 2600mAh / 3.7VDC / 2.5Wp / 6VDC Polycrystalline silicon PET laminate / Sensor	520lm
A-SOX5-XXXN-XIS-S	5W	80	3000K,6000K	Type II	120lm/w	18650 / 3000mAh / 3.7VDC / 2.5Wp / 6VDC Polycrystalline silicon PET laminate / Sensor	600lm
A-SOX8-XXXN-XIS-S	8W	80	3000K,6000K	Type II	120lm/w	18650 / 5200mAh / 3.7VDC / 4.0Wp / 6VDC Polycrystalline silicon PET laminate / Sensor	1000lm

Specification

LED Vender	Operating Temperature	Material	Fixture Color
SMD2835	-30°C ~ +50°C	Materials: ABS+PC Anti-UV Mouting Option: Wall Mounted	Black

# THANKS

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